

**FIVE-YEAR REVIEW REPORT**  
of the  
**COUNTY OF SAN DIEGO**  
**INTEGRATED WASTE MANAGEMENT PLAN**

Prepared by the  
**COUNTY OF SAN DIEGO**  
**DEPARTMENT OF PUBLIC WORKS**

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The County of San Diego prepared this Report.

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**FIVE-YEAR REVIEW REPORT OF THE  
SAN DIEGO COUNTY INTEGRATED WASTE MANAGEMENT PLAN**

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## **SECTION 1.0 INTRODUCTION**

The California Integrated Waste Management Act of 1989 (Assembly Bill 939) requires cities and counties in California to reduce the amount of solid waste disposed in landfills or transformed by 50% by the year 2000 through source reduction, recycling and composting. The Countywide Integrated Waste Management Plan (CIWMP) is the local guiding document for attaining these goals. The California Integrated Waste Management Board (CIWMB), also created by AB 939, is the state agency administering CIWMP requirements.

Public Resources Code (PRC) section 41822 requires each city and county to review its CIWMP, including its Source Reduction and Recycling Element (SRRE), Household Hazardous Waste Element (HHWE), Non-Disposal Facility Element (NDFE), Countywide Siting Element (Siting Element) and Countywide Summary Plan (Summary Plan) at least once every five years to:

1. Correct any deficiencies in the elements or plan,
2. Comply with source reduction and recycling requirements established under PRC section 41780, and
3. Revise the documents, as necessary.

The CIWMB clarifies the five year CIWMP review process in CCR section 18788, which states that prior to the fifth anniversary of the CIWMB approval of the CIWMP, the Local Task Force (LTF) shall complete a review of the CIWMP to assure that the County's waste management practices remain consistent with the hierarchy of waste management practices defined in PRC section 40051. The hierarchy stated in PRC 40051 is:

1. Source reduction;
2. Recycling and composting, and
3. Environmentally safe transformation and land disposal.

The process identified in California Code of Regulations (CCR) section 18788 is summarized as follows:

1. Prior to the fifth anniversary of CIWMB approval of the CIWMP, the LTF shall submit written comments on areas of the CIWMP which require revision to the county and the CIWMB;
2. Within 45 days of receipt of comments, the county shall determine if revisions are necessary and notify the LTF and the CIWMB of its findings in a CIWMP Review Report, and
3. Within 90 days of receipt of the CIWMP Review Report, the CIWMB shall review the county's findings and, at a public hearing, approve or disapprove the county's findings.

CCR 18788 also identifies the minimum issues, which are to be addressed in the CIWMP Review Report. They are:

1. Changes in demographics in the county;
2. Changes in quantities of waste within the county;
3. Changes in funding source(s) for administration of the Siting Element and Summary Plan;
4. Changes in administrative responsibilities for the CIWMP;

5. Programs that were scheduled to be implemented but were not, a statement as to why they were not implemented, the progress of programs that were implemented, a statement as to whether programs are meeting their goals, and if not, what contingency measures are being enacted to ensure compliance with PRC section 41751;
6. Changes in permitted disposal capacity, and quantities of waste disposed in the county;
7. Changes in available markets for recyclable materials, and
8. Changes in the implementation schedule.

On October 30, 1998 and July 21, 2000, the CIWMB Office of Local Assistance (OLA) sent letters to all jurisdictions, clarifying the CIWMB's oversight of the five year revision process. The July 21, 2000 letter noted that the five-year anniversary is from the approval date of the CIWMP by the CIWMB. On July 16, 1999, the OLA sent a letter to the County of San Diego, further clarifying the relevant codes and regulations for the revision process. Copies of these letters are included in Appendix A of Section 9.0 of this CIWMP Review Report.

## **SECTION 2.0 BACKGROUND**

Five elements comprise the CIWMP:

- Source Reduction and Recycling Elements (SRRE) for each of the 18 cities and the Unincorporated County,
- Household Hazardous Waste Elements (HHWE) for each of the 18 cities and the Unincorporated County of San Diego,
- Nondisposal Facility Elements (NDFE) for each of the 18 cities and the Unincorporated County of San Diego,
- Countywide Siting Element, and
- Countywide Summary Plan.

The Countywide Summary Plan, the Countywide Siting Element, and the CIWMP were approved by the CIWMB on June 25, 1997. Thus, the five-year anniversary for the first mandated CIWMB review is June 25, 2002.

The County and each city's diversion goal was 50% for the year 2000. No petition for a reduction in the 50% requirement has been requested.

## **SECTION 3.0 PURPOSE**

The purposes of this CIWMP Five-Year Review Report are to: (1) document the compliance of the County of San Diego and the 18 cities in the county with PRC 41822 and CCR 18788; (2) present the County's findings on the need for revisions to the CIWMP; and (3) solicit wider review, recommendations, and support for the course of action identified by the jurisdictions in San Diego County.

## **SECTION 4.0 LOCAL TASK FORCE REVIEW**

The San Diego Association of Governments (SANDAG) serves as the AB939 Local Task Force (LTF), formed pursuant to PRC section 40950, for San Diego County. SANDAG generally meets monthly. The CIWMP was reviewed by the LTF Technical Advisory and Citizen Advisory Committees, which submitted written recommendations to SANDAG at its March 22, 2002 board meeting. SANDAG passed Resolution 2002-36 at that meeting,

recommending revisions of the Countywide Siting Element and the Summary Plan, based on recommendations from the Technical and Citizen Advisory Committees. Copies of the resolution and letters from each jurisdiction are included in Appendix B. The County received written recommendations from the LTF on April 24, 2002, beginning the 45-day period for submitting the Five-Year Review Report.

## **SECTION 5.0 Topics from CCR SECTION 18788(a)(3)(A) through (H)**

### **Overview**

The CIWMP and selected programs for the components were reviewed by each jurisdiction. While the goals, objectives, and policies in the elements are still applicable and consistent with PRC 40051 and 40052, major changes have taken place in the funding and infrastructure of the solid waste system in the county. These changes have affected countywide solid waste efforts.

Nearly all selected programs were being implemented. The annual reports and the programs listed in the Planning Annual Report Information System (PARIS) for the County and each city are up to date. Although there have been some changes in program implementation, schedules, costs, and results, these changes are not considered to be significant by the County and the cities, which want to focus on continued program development, evaluation, and implementation.

The diversion performance for the County and cities are identified in Table 5-1.

**Table 5-1**  
**Solid Waste Diversion Rates for all San Diego County Jurisdictions 1995 to 2000**

	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999*</b>	<b>2000*</b>
<b>Carlsbad</b>	57%	48%	50%	44%	41%	44%
<b>Chula Vista</b>	42%	42%	41%	39%	36%	34%
<b>Coronado</b>	36%	27%	23%	12%	51%	56%
<b>Del Mar</b>	40%	36%	35%	NA	24%	34%
<b>El Cajon</b>	43%	51%	42%	60%	63%	55%
<b>Encinitas</b>	46%	49%	51%	40%	47%	50%
<b>Escondido</b>	49%	45%	48%	43%	43%	46%
<b>Imperial Beach</b>	40%	41%	42%	40%	44%	48%
<b>La Mesa</b>	47%	41%	50%	48%	42%	39%
<b>Lemon Grove</b>	19%	34%	37%	7%	15%	37%
<b>National City</b>	34%	48%	38%	38%	47%	53%
<b>Oceanside</b>	48%	47%	49%	47%	47%	46%
<b>Poway</b>	55%	56%	53%	51%	53%	49%
<b>San Diego</b>	35%	45%	49%	46%	46%	48%
<b>San Marcos</b>	47%	45%	51%	48%	44%	42%
<b>Santee</b>	39%	52%	45%	30%	35%	33%
<b>Solana Beach</b>	48%	52%	53%	42%	47%	46%
<b>Unincorporated County</b>	48%	45%	50%	45%	48%	44\$
<b>Vista</b>	43%	48%	55%	51%	42%	38%
<b>San Diego County Average</b>	43%	45%	45%	41%	43%	44%

Source: CIWMB Waste Line, May 2002.

\* Numbers are not CIWMB approved.

**(A) Changes in Demographics in the County**

As a whole, San Diego County experienced a high rate of population and economic growth from 1990-2000. Countywide, population increased 13%, with some areas as high as 28%. Household income countywide grew 33%, with housing value increasing 34%. Adding to the growth in the area, employment countywide grew 19% and taxable sales increased in each jurisdiction, ranging from 67% to 177%.

Demographic changes for San Diego County are summarized in Tables 5-2 through 5-7.

**Table 5-2**  
**Population Comparison for San Diego County 1990 to 2000**

Jurisdiction	1990 Total Population	2000 Total Population	1990-2000 Difference	1999-2000 % Change
Carlsbad	63,126	78,247	15,121	24%
Chula Vista	135,163	173,556	38,393	28%
Coronado	26,540	24,100	-2,440	-9%
Del Mar	4,860	4,389	-471	-10%
El Cajon	88,693	94,869	6,176	7%
Encinitas	55,386	58,014	2,628	5%
Escondido	108,635	133,559	24,924	23%
Imperial Beach	26,512	26,992	480	2%
La Mesa	52,931	54,749	1,818	3%
Lemon Grove	23,984	24,918	934	4%
National	54,249	54,260	11	0%
Oceanside	128,398	161,029	32,631	25%
Poway	43,516	48,044	4,528	10%
San Diego	1,110,549	1,223,400	112,851	10%
San Marcos	38,974	54,977	16,003	41%
Santee	52,902	52,975	73	0%
Solana Beach	12,962	12,979	17	0%
Unincorporated County	398,764	442,919	44,155	11%
Vista	71,872	89,857	17,985	25%
Entire County	2,498,016	2,813,833	315,817	13%

**Sources**

1990 Figures: County of San Diego, Integrated Waste Management Plan, CIWMB approved 1997.

2000 Figures: US Census Bureau, May 2002.



**Table 5-3**  
**Median Household Income Comparison for San Diego County 1990 to 2000**

<b>Jurisdiction</b>	<b>1990 Median Household Income</b>	<b>2000 Median Household Income Estimate</b>	<b>1990-2000 Difference</b>	<b>1990-2000 % Change</b>
<b>Carlsbad</b>	\$45,793	\$60,107	\$14,314	31%
<b>Chula Vista</b>	\$32,012	\$48,019	\$16,007	50%
<b>Coronado</b>	\$47,790	\$65,550	\$17,760	37%
<b>Del Mar</b>	\$51,821	\$94,052	\$42,231	81%
<b>El Cajon</b>	\$28,108	\$35,551	\$7,443	26%
<b>Encinitas</b>	\$46,069	\$62,778	\$16,709	36%
<b>Escondido</b>	\$32,895	\$42,641	\$9,746	30%
<b>Imperial Beach</b>	\$26,464	\$33,289	\$6,825	26%
<b>La Mesa</b>	\$31,171	\$43,713	\$12,542	40%
<b>Lemon Grove</b>	\$31,851	\$44,796	\$12,945	41%
<b>National</b>	\$22,129	\$31,255	\$9,126	41%
<b>Oceanside</b>	\$33,453	\$43,702	\$10,249	31%
<b>Poway</b>	\$53,252	\$68,268	\$15,016	28%
<b>San Diego</b>	\$33,686	\$45,040	\$11,354	34%
<b>San Marcos</b>	\$31,961	\$43,521	\$11,560	36%
<b>Santee</b>	\$39,073	\$52,067	\$12,994	33%
<b>Solana Beach</b>	\$52,000	\$68,297	\$16,297	31%
<b>Unincorporated County</b>	\$40,337	\$51,621	\$11,284	28%
<b>Vista</b>	\$32,553	\$43,647	\$11,094	34%
<b>Entire County</b>	\$35,022	\$46,502	\$11,480	33%

**Sources**

1990 Figures: County of San Diego, Integrated Waste Management Plan, CIWMB approved 1997.

2000 Figures: SANDAG Estimates. Census information not available from US Census Bureau until June 2002.

**Table 5-4**  
**Housing Value Comparison for San Diego County 1990 to 2000**

Jurisdiction	1990 Median Housing Value	2000 Median Housing Value	1990-2000 Difference	1990-2000 % Change
Carlsbad	\$255,869	\$375,250	\$119,381	47%
Chula Vista	\$163,996	\$251,250	\$87,254	53%
Coronado	\$452,499	\$635,500	\$183,001	40%
Del Mar	\$500,000	\$630,000	\$130,000	26%
El Cajon	\$158,038	\$228,750	\$70,712	45%
Encinitas	\$285,659	\$375,000	\$89,341	31%
Escondido	\$169,534	\$230,000	\$60,466	36%
Imperial Beach	\$143,286	\$230,000	\$86,714	61%
La Mesa	\$163,707	\$225,000	\$61,293	37%
Lemon Grove	\$136,059	\$195,000	\$58,941	43%
National	\$114,683	\$170,000	\$55,317	48%
Oceanside	\$170,235	\$222,000	\$51,765	30%
Poway	\$219,598	\$335,000	\$115,402	53%
San Diego	\$189,412	\$246,500	\$57,088	30%
San Marcos	\$172,184	\$246,500	\$74,316	43%
Santee	\$144,925	\$203,000	\$58,075	40%
Solana Beach	\$371,543	\$494,500	\$122,957	33%
Unincorporated County	\$206,002	NA	NA	NA
Vista	\$183,446	\$230,000	\$46,554	25%
Entire County	\$186,700	\$250,000	\$63,300	34%

**Sources**

1990 Figures: County of San Diego, Integrated Waste Management Plan, CIWMB approved 1997.

2000 Figures: California Association of Realtors 1 Q 2001 (not available from census or SANDAG).

**Table 5-5**  
**Consumer Price Index Comparison for San Diego County - Base Year (BY) to 2000**

Jurisdiction	CPI Source	BY CPI	2000 CPI	BY- 2000 Difference	BY- 2000 % Change
All	State	135	174.8	40	29%

Source: CIWMB Waste Line Request May 2002.

**Table 5-6**  
**Taxable Sales Comparison for San Diego County Base Year (BY) to 2000**

Jurisdiction	Tax Source	BY Tax Sales (\$)	2000 Tax Sales (\$)	BY- 2000 Difference (\$)	BY- 2000 % Change
Carlsbad	Jurisdiction	\$849,284	\$1,815,354	\$966,070	114%
Chula Vista	County	21,751,246	36,409,505	14,658,259	67%
Coronado	County	21,751,246	36,409,505	14,658,259	67%
Del Mar	Jurisdiction	77,642	135,243	57,601	74%
El Cajon	County	21,751,246	36,409,505	14,658,259	67%
Encinitas	Jurisdiction	383,582	806,063	422,481	110%
Escondido	County	21,751,246	36,409,505	14,658,259	67%
Imperial Beach	County	21,751,246	36,409,505	14,658,259	67%
La Mesa	County	21,751,246	36,409,505	14,658,259	67%
Lemon Grove	Jurisdiction	165,712	344,274	178,562	108%
National City	County	21,751,246	36,409,505	14,658,259	67%
Oceanside	County	21,751,246	36,409,505	14,658,259	67%
Poway	Jurisdiction	235,346	651,259	415,913	177%
San Diego	County	20,836,975	36,409,505	15,572,530	75%
San Marcos	County	21,751,246	36,409,505	14,658,259	67%
Santee	County	21,751,246	36,409,505	14,658,259	67%
Solana Beach	Jurisdiction	118,240	202,850	84,610	72%
Unincorporated County	Jurisdiction	939,394	1,651,003	711,609	76%
Vista	Jurisdiction	327,832	862,305	534,473	163%

Source: CIWMB Waste Line Request May 2002.

**Table 5-7**  
**Employment Comparison for San Diego County Base Year (BY) to 2000**

Jurisdiction	Employment Source	Base Year Employment	2000 Employment	BY- 2000 Difference	BY- 2000 % Change
Carlsbad	County	1,145,700	1,362,100	216,400	19%
Chula Vista	County	1,145,700	1,362,100	216,400	19%
Coronado	County	1,145,700	1,362,100	216,400	19%
Del Mar	County	1,145,700	1,362,100	216,400	19%
El Cajon	County	1,145,700	1,362,100	216,400	19%
Encinitas	County	1,145,700	1,362,100	216,400	19%
Escondido	County	1,145,700	1,362,100	216,400	19%
Imperial Beach	County	1,145,700	1,362,100	216,400	19%
La Mesa	County	1,145,700	1,362,100	216,400	19%
Lemon Grove	County	1,145,700	1,362,100	216,400	19%
National City	County	1,145,700	1,362,100	216,400	19%
Oceanside	County	1,145,700	1,362,100	216,400	19%
Poway	County	1,145,700	1,362,100	216,400	19%
San Diego	County	1,115,000	1,362,100	247,100	22%
San Marcos	County	1,145,700	1,362,100	216,400	19%
Santee	County	1,145,700	1,362,100	216,400	19%
Solana Beach	County	1,145,700	1,362,100	216,400	19%
Unincorporated County	County	1,145,700	1,362,100	216,400	19%
Vista	County	1,145,700	1,362,100	216,400	19%

Source: CIWMB Waste Line Request May 2002.

Additional demographic tables are included in Appendix D.

**(B) Changes in Quantities of Waste Within the County**

The quantity of solid waste generated (see below for quantity disposed) within the County increased 36% between 1991 and 2000, by 1,681,506 tons. All jurisdictions generated more tonnage (Table 5-8). Jurisdictions with the greatest increases over the decade were Lemon Grove, Vista, Poway and the City of San Diego, with increases of 57.0%, 50.3%, 53.6%, and 46.3% respectively. Unincorporated San Diego County had an increase in tonnage of about 25%, or 164,477 tons.

However, solid waste disposed decreased 31% (1,475,005 tons) countywide. Solid waste disposal tonnage for San Diego County decreased in all jurisdictions (Table 5-9). The range of decrease in tonnages disposed between 1991 and 2000 was -5% for Lemon Grove, to -96% for Oceanside. Unincorporated San Diego County decreased by 35%.

**Table 5-8**  
**Solid Waste Generation Tonnage Comparison for San Diego County 1991 to 2000**

	1991	2000	1991-2000 Difference	1991-2000 % Change
Carlsbad	152,360	195,311	42,951	28.19%
Chula Vista	185,700	228,242	42,542	22.91%
Coronado	77,576	91,863	14,287	18.42%
Del Mar	17,899	22,124	4,225	23.60%
El Cajon	180,907	219,617	38,710	21.40%
Encinitas	109,011	140,996	31,985	29.34%
Escondido	204,974	248,122	43,148	21.05%
Imperial Beach	28,513	34,392	5,879	20.62%
La Mesa	91,687	104,714	13,027	14.21%
Lemon Grove	22,914	35,976	13,062	57.00%
National City	91,201	129,394	38,193	41.88%
Oceanside	205,779	249,588	43,809	21.29%
Poway	72,136	110,792	38,656	53.59%
San Diego	2,255,722	3,299,471	1,043,749	46.27%
San Marcos	122,516	143,997	21,481	17.53%
Santee	74,337	89,467	15,130	20.35%
Solana Beach	28,925	35,484	6,559	22.68%
Unincorporated County	654,760	819,237	164,477	25.12%
Vista	118,688	178,324	59,636	50.25%
County Total	4,695,605	6,377,111	1,681,506	35.81%

**Sources**

1991 Figures: As Reported in the County of San Diego CIWMP, CIWMB approved June 25, 1997.

2000 Figures: CIWMB Waste Line, May 2002; Numbers are not CIWMB approved.

**Table 5-9**  
**Solid Waste Disposal Tonnage Comparison for San Diego County 1991 to 2000**

Jurisdiction	1991	2000	1991-2000 Difference	1991-2000 % Change
Carlsbad	152,360	109,112	-43,248	-28%
Chula Vista	185,700	150,348	-35,352	-19%
Coronado	77,576	40,836	-36,740	-47%
Del Mar	17,899	14,580	-3,319	-19%
El Cajon	180,907	96,946	-83,961	-46%
Encinitas	109,011	68,512	-40,499	-37%
Escondido	204,974	130,198	-74,776	-36%
Imperial Beach	28,513	17,921	-10,592	-37%
La Mesa	91,687	45,501	-46,186	-50%
Lemon Grove	22,914	21,769	-1,145	-5%
National City	91,201	60,442	-30,759	-34%
Oceanside	205,779	7,902	-197,877	-96%
Poway	72,136	55,861	-16,275	-23%
San Diego	2,255,722	1,719,056	-536,666	-24%
San Marcos	122,516	82,032	-40,484	-33%
Santee	74,337	59,306	-15,031	-20%
Solana Beach	28,925	18,965	-9,960	-34%
Unincorporated San Diego County	654,760	426,706	-228,054	-35%
Vista	118,688	94,608	-24,080	-20%
<b>County Total</b>	<b>4,695,605</b>	<b>3,220,601</b>	<b>-1,475,005</b>	<b>-31%</b>

**Sources**

1991 Figures: As Reported in the County of San Diego CIWMP, CIWMB approved June 25, 1997

2000 Figures: Waste line Request, May 2002; Numbers are not CIWMB approved

Actual disposal decreased significantly (25%) from disposal projected in the SRRE (Table 5-10), indicating a rapidly increasing rate of diversion over the past decade. The decrease in disposal rates shows that current diversion programs are reducing disposal quantities compared to base year disposal.

**Table 5-10**  
**SRRE Projected Solid Waste Disposal Tonnage Compared to  
Actual Disposal Tonnage For San Diego County**

	Countywide Disposal Reported*	SRRE Projected for Countywide**	% Difference
<b>1991</b>	4,695,605		
<b>1995</b>	2,816,747	5,275,232	87%
<b>1996</b>	2,718,546	5,083,171	87%
<b>1997</b>	2,862,486	4,761,005	66%
<b>1998</b>	3,129,771	4,442,749	42%
<b>1999***</b>	3,070,553	4,252,463	38%
<b>2000***</b>	3,220,601	4,024,699	25%

**Sources**

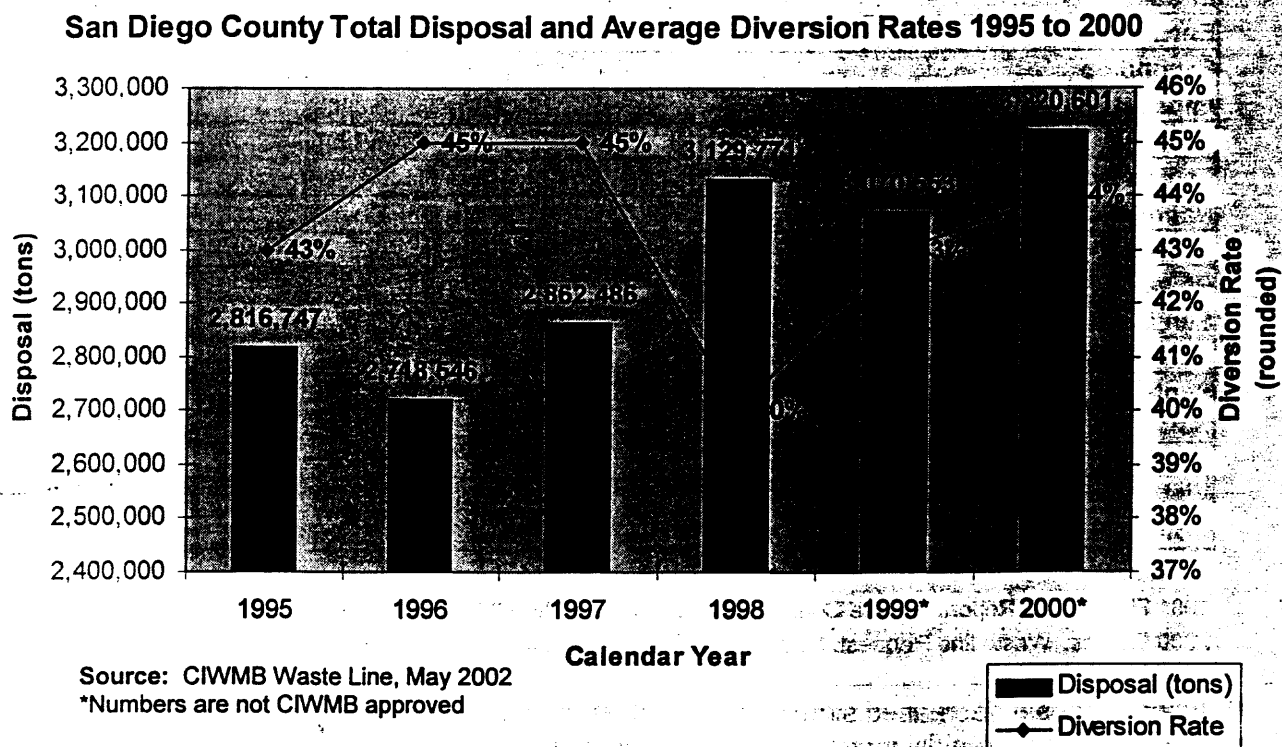
\* As Reported in the County of San Diego Integrated Waste Management Plan, CIWMB approved June 25, 1997.

\*\* CIWMB Waste Line, May 2002.

\*\*\* Numbers are not CIWMB approved.

Countywide solid waste disposal tonnage and countywide average diversion rates are shown in Figure 5-1. The estimated diversion rate for 1995 was 43%, or about 1,211,201 tons, and for 2000 was 44%, or about 1,417,064 tons; an increase in diversion between 1995 and 2000 of about 205,863 tons.

Figure 5-1



**(C) Change in Funding Source for Administration of the Siting and Summary Plans**

The funding source for the administration of the Countywide Siting Plan and Summary Plan changed. Prior to the County's sale of its solid waste system to a private firm in 1997, the County funded administration through a solid waste tipping fee deposited in the County Solid Waste Enterprise Fund. After the sale, a solid waste planning fee was instituted by the County. The fee of \$0.02 per ton for all solid waste collected in the county is still in effect.

**(D) Changes in Administrative Responsibilities**

The County Department of Public Works (DPW), Solid Waste Division, was originally responsible for the administration of the Countywide Siting Plan and Summary Plan. That administration was transferred to the County Department of Environmental Health in 1997 but was transferred back to DPW in 2000, in a reconfigured Solid Waste Management Division.

**(E) Program Implementation**

Nearly all selected programs have been implemented. Most changes in implementation of programs have been sufficiently updated in the annual reports submitted by San Diego County jurisdictions. Notable changes from the CIWMP include:

1. The Countywide Siting and Summary Plans
  - a. The County of San Diego Solid Waste System was sold to Allied Waste Industries in 1997. At the point of sale, the system included five landfills, 10 rural bin sites and one transfer station.
  - b. The North County Resource Recovery Facility in San Marcos was closed, due to inadequate solid waste tonnage available for processing.
  - c. The San Marcos landfill ceased operation.
  - d. The Otay landfill permitted capacity was expanded.
  - e. The Prison Industry Authority Materials Recovery Facility was not constructed due to a state decision.
2. Individual Jurisdiction SRRE and HHWE
  - a. City of Chula Vista
    - i. SRRE – A single stream, variable rate curbside collection structure was implemented.
    - ii. HHWE - A permanent household hazardous waste facility was sited.
  - b. City of La Mesa
    - i. HHWE - A permanent household hazardous waste facility was sited.
  - c. City of Oceanside
    - i. SRRE – A youth oriented fund-raising recycling program was added.
    - ii. SRRE – Mixed paper bins were set throughout the community, as a precursor to a commercial mixed paper pilot program.
    - iii. HHWE - A permanent household hazardous waste facility was sited.
  - d. City of San Diego
    - i. SRRE – Completed citywide expansion of automated curbside recycling program, as of the end of 2001.
    - ii. SRRE – The facility for processing greens, the Greenery, is now a permitted composting facility.
    - iii. HHWE - A permanent household hazardous waste facility was sited.
    - iv. HHWE - Electronics waste collection program was added.
  - e. Unincorporated County of San Diego
    - i. SRRE – Program funding changed from a tipping fee at County landfills to a \$2.35 per ton franchise fee paid by haulers, \$1.00 of which funds source reduction and recycling programs. This was due to the County sale of the landfill system.
    - ii. SRRE – The cloth diaper program was not implemented due to the loss of the only collection service in the area.
    - iii. SRRE – Business and County waste audit programs were not implemented, due to priorities in funding for SRRE staff. This program is planned for implementation in FY 2002-03.
    - iv. SRRE – Three rural bin sites were closed, recycling collections at three other bin sites ceased, and expansion of yard waste service to rural container sites ceased, due to decisions of the private operator. In response, four nonprofit rural recycling centers were established in FY 2000-01 and FY 2001-02. More are planned for FY 2002-03 and FY 2003-04.
    - v. SRRE/HHWE – Agricultural recycling program was added.

- vi. HHWE – Program funding changed from a tipping fee at landfills to a \$2.35 per ton franchise fee from haulers, \$1.10 of which funds HHW programs. This was due to sale of the solid waste system.
- vii. HHWE – A permanent HHW facility was sited in Ramona.
- viii. HHWE - Electronics waste collection, door-to-door for elderly and disabled, and Conditionally Exempt Small Quantity Generator programs were added.

f. City of Vista

- i. SRRE - Curbside collection program for recyclables was changed to automated, single-stream.
- ii. HHWE - Electronics waste collection program was added.
- iii. HHWE - Conditionally Exempt Small Quantity Generator program was added.

**(F) Changes in Permitted Disposal Capacity**

The most important changes in disposal capacity for San Diego County have been the increase in capacity for Otay Landfill and the designation of San Marcos Landfill as inactive. Excluding USMC capacity, current landfill capacity for the County is about 88,946,000 cubic yards. For the future, Sycamore Landfill has an expansion potential of 100-130 million cubic yards. Both Las Pulgas and San Onofre are operated by the US Marine Corps and are not open for public disposal. For quantities of waste disposed in the county, please see (B) above.

Tables 5-11 and 5-12 provide information on changes in disposal capacity since 1995.

**Table 5-11**  
**Current Landfill Capacity for San Diego County**

Landfill	Owner	Operator	Current Remaining Capacity (cubic yards)
Borrego	Allied Waste Industries, Inc.	Allied Waste Industries Inc.	392,000
Las Pulgas	US Marine Corps	US Marine Corps	9,038,158
Miramar	US Department of Navy	City of San Diego	21,618,249
Otay	Allied Waste Industries, Inc.	Allied Waste Industries Inc.	42,346,170
Ramona	Allied Waste Industries, Inc.	Allied Waste Industries Inc.	589,100
San Marcos	County of San Diego		Inactive
Sycamore	Allied Waste Industries, Inc.	Allied Waste Industries Inc.	24,000,000
San Onofre	US Marine Corps	US Marine Corps	1,409,193

**Sources**

Reports for Borrego, Otay, and Ramona from San Diego Landfill Systems May 2002.

Figures for Las Pulgas and San Onofre from Camp Pendleton May 2002.

Figures for Miramar and Sycamore from the City of San Diego May 2002.

Landfill capacity in San Diego County increased slightly by 157,315 cubic yards between 1995 and 2002, not considering the Camp Pendleton USMC sites. This was primarily due to the 120% increase at Otay. The small Ramona landfill decreased by about 53%, and the large landfill at Miramar decreased by about 37% (Table 5-12). USMC landfills expanded considerably.



**Table 5-12**  
**1995-Current Comparison of Landfill Capacity for San Diego County**

Landfill	Remaining Capacity (cubic yards)		1995-Current	1995-Current
	1995*	Current**	Difference	% Change
Borrego	455,075	392,000	-63,075	-13.86%
Las Pulgas	888,576	9,038,158	8,149,582	917.15%
Miramar	34,296,000	21,618,249	-12,677,751	-36.97%
Otay	19,248,488	42,346,170	23,097,682	120.00%
Ramona	1,266,695	589,100	-677,595	-53.49%
San Marcos	6,134,494	Closed		
Sycamore	28,796,645	24,000,000	-4,796,645	-16.66%
San Onofre	132,787	1,409,193	1,276,406	961.24%

\* As Reported in the County of San Diego Integrated Waste Management Plan, CIWMB approved June 25, 1997.

\*\* As of May 2002.

#### **(G) Changes in Available Markets**

Markets for most recovered recyclable materials are available. Market supply, demand, and prices often fluctuate, especially for fibers such as cardboard. The County is facing significant siting problems for construction and demolition (C & D) processors and compost operations, due to zoning issues and encroachment of new development.

The boiler fuel market for green material in Imperial County ended. There is a dwindling market of beneficial uses for biosolids.

The availability of plastics recycling markets is less. The polystyrene processor in Riverside County stopped taking material. The plastic film market in Mexico stopped taking material, but new markets are developing for film in the U.S. There are no attractive markets for plastics coded 3-7.

Markets for electronic waste are emerging, but are not yet stable. One program has begun accepting aseptic packages, including milk cartons, but that market is also limited.

#### **(H) Changes in the Implementation Schedule**

Changes in program implementation schedules occurred but have not significantly affected the ability of the County and cities to realize planned diversion levels in 2000. Any amendments to implementation schedules will be addressed in Time Extension Applications (AB 1066 process), where needed.

### **SECTION 6.0 OTHER ACTIVITIES**

The County and cities explored the feasibility of establishing a regional agency in 1995 and 1996, but were unable to consummate one. In 1997, the cities of Del Mar, Solana Beach, Vista, Poway, National City and Encinitas formed a subregional joint powers authority for solid waste, the Regional Solid Waste Association.

## **SECTION 7.0 STATEMENT OF FINDINGS**

Most of the individual jurisdiction SRREs, HHWEs and NDFEs have been updated adequately through the annual reports and are not in need of revision. Much of the overall framework of the CIWMP is still applicable. Most of the goals, objectives, policies and responsible administrative organizational units noted throughout the CIWMP are still accurately described.

However, with the divestiture of the solid waste system, much of the funding for countywide programs changed, as has ownership/operation of much of the waste management infrastructure. These factors affected countywide programs. The County also desires to revise the Siting Plan, with particular interest in changes to the tentatively reserved disposal facility sites.

Therefore, the County of San Diego finds that the following CIWMP elements are in need of revision:

- Unincorporated County HHWE
- Unincorporated County NDFE
- Countywide Summary Plan
- Countywide Siting Element

## **SECTION 8.0 PROPOSED TIME SCHEDULE FOR DEVELOPMENT AND SUBMISSION OF REVISED CIWMP.**

The chart on page 15 of this Report gives an overview of the timeline. Timeline details follow. A proposed detailed time schedule for the CIWMP revisions follows on page 16, titled "Time Schedule for Development and Submission of the County of San Diego Integrated Waste Management Plan." The calendar begins June 15, 2002 with development and adoption of amended Unincorporated County NDFE and HHWE, concurrently with development of revisions to the Countywide Siting Plan and Summary Plan. The full CIWMP will comply with CEQA, and has an estimated local adoption date of July 30, 2003, with submittal to CIWMB by August 31, 2003.

## CIWMP 5-YEAR REVISION PROCESS

**\* LEGEND**

NDFE = Nondisposal Facility Element

HHWE = Household Hazardous Waste Element

SANDAG = San Diego Association of Governments, as AB 939 Local Task Force

**COUNTY OF SAN DIEGO  
TIME SCHEDULE FOR DEVELOPMENT AND SUBMISSION OF  
REVISIONS TO THE COUNTYWIDE INTEGRATED WASTE MANAGEMENT PLAN**

**JUNE 7, 2002**

**A. 5-Year Review Report**

<u>Date</u>	<u>Agency</u>	<u>Action/Event</u>
June 7 through September, 2002	County DPW & CIWMB	DPW submits the 5-Year Review Report to CIWMB. The Board will have 90 days for review and approval.

**B. County Nondisposal Facility Element (NDFE)**

<u>Date</u>	<u>Agency</u>	<u>Action/Event</u>
June, 2002 through 30 August, 2003	County DPW	Prepare amendments to the unincorporated County Nondisposal Facility Element (NDFE) with CEQA compliance. Hold public meetings on NDFE.
1 September, 2002 through 31, December, 2002	County DPW & SANDAG	Ninety (90) days prior to the public hearing for adoption of the amended NDFE, the County shall send the final draft amended NDFE to SANDAG, as the Local Task Force (LTF). Within ninety (90) days of receiving the final draft amended NDFE, the LTF shall provide written comments to the County and the CIWMB.
January, 2003	County Board	County Board adopts NDFE after considering public hearing comments.
February, 2003	County DPW	Adopted NDFE amendment transmitted to all cities in the County and the CIWMB.
March, 2003 through April, 2003	CIWMB	Sixty (60) day CIWMB review and approval period for the amended NDFE.

### C. County Household Hazardous Waste Element

<u>Date</u>	<u>Agency</u>	<u>Action/Event</u>
1 June, 2002 through October, 2003	County DEH	County DEH staff prepares amended HHWE document and holds public meetings.
November, 2002 through December, 2002	County, SANDAG	Revised element is submitted to the LTF for 15 days of review and comments.
January, 2003	County	County Board adopts after considering public hearing comments.
February, 2003 through June, 2003	County DPW, CIWMB	HHWE submitted to CIWMB for a 120-day review and approval period.

### D. Countywide Siting Plan and Summary Plan

<u>Date</u>	<u>Agency</u>	<u>Action/Event</u>
1 June, 2002 through 28 February, 2003	County DPW	Develop the revised Countywide Siting Element and Summary Plan, hold public meetings and receive comments. Hold a 30-day public review period for CEQA clearance.
1 March, 2003 through April, 2003	County DPW & SANDAG	The two plans are submitted to LTF for review and comments (~60 days).
1 May, 2003 through 30 May, 2003	County DPW	Submit the revised Siting Element and Summary Plan to all cities in the County.
1 May, 2003	County DPW	File CEQA clearance documentation with State Clearinghouse.
1 June through 31 August, 2003	County Board & City Councils	All cities and County hold public hearings on the revised Siting Element and Summary Plan, complete with environmental documentation that verifies CEQA compliance, and by resolution adopt on behalf of jurisdictions it represents. County approves, by resolution, the Siting Element and Summary Plan for the unincorporated area only.
September, 2003	County DPW	County holds public hearing to adopt by resolution the Siting Element and Summary Plan, including the CEQA documentation (providing a majority of the cities in the County with a majority of the incorporated population have approved them). Siting Element and Summary Plans submitted to CIWMP (per Title 14CCR Section 18784), within thirty (30) days of County adoption.
October, 2003 through January, 2004	CIWMB	120-day CIWMB review and approval period.